ATTY DOCKET NO. SERIAL NO. PARTMENT OF CONMERCE TRADEMANN OFFICE Form PTO 1449 (Modified) 241072US2SRD 10/629,624 APPLICANT LIST OF REFERENCES CITED BY APPLICANT Nacki SHUTOH, et al. FILING DATE GROUP July 30, 2003 **U.S. PATENT DOCUMENTS** DOCUMENT NUMBER **EXAMINER SUB FILING DATE** DATE NAME CLASS INITIAL CLASS IF APPROPRIATE AA AΒ AC AD ΑE AF AG AH ΑI AJ ΑK AL AN **FOREIGN PATENT DOCUMENTS** DOCUMENT **TRANSLATION** DATE COUNTRY NUMBER YES 2001-189495 07/10/2001 JAPAN ADF AO Х ΑP AQ AR AS AT AU ΑV OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) H. HOHL, et al., J. Phys.: Condens., matter 11, pages 1697-1709, "EFFICIENT DOPANTS FOR ZrNiSn-BASED THERMOELECTRIC MATERIALS", 1999 ADF AW K. MASTRONARDI, et al., Applied Physics Letters, vol. 74, no. 10, pages 1415-1417, "ANTIMONIDES WITH THE HALF-HEUSLER STRUCTURE: NEW THERMOELECTRIC MATERIALS", March 8, 1999 AX ADF Additional References sheet(s) attached **Date Considered** Examiner 01/19/2007 /Anthony Fick/ *Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



LIST OF RELATED CASES

	Docket Number	Serial or Patent Number	Filing or <u>Issue Date</u>	Inventor/ Applicant
ADF	221292US2 SRD	10/105,341	03/26/02	SHUTOH et al.
ADF	241072US2 SRD*	10/629,624	07/30/03	SHUTOH et al.

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LIST OF RELATED CASES

Docket Number		Serial or Patent Number	Filing or Issue Date	Patent Appl. Publication No.	Inventor/ Applicant		
AD:	241072US2SRD*	10/629,624	07/30/03		SHUTOH et al.		
AD:	260012US2SRD	10/958,376	10/06/04		SHUTOH et al.		

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ATTY DOCKET NO. SERIAL NO. Form PTO 1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 241072US2SRD 10/629,624 APPLICANT LIST OF REFERENCES CITED BY APPLICANT Naoki SHUTOH, et al. FILING DATE **GROUP** July 30, 2003 1753 **U.S. PATENT DOCUMENTS** DOCUMENT **FILING DATE EXAMINER SUB** DATE CLASS NAME INITIAL NUMBER CLASS IF APPROPRIATE AA AΒ AC AD ΑE AF AG AΗ ΑI ΑJ AL **FOREIGN PATENT DOCUMENTS** DOCUMENT TRANSLATION DATE COUNTRY NUMBER YES NO ΑM OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.) S. SPORTOUCH, et al., "Thermoelectric Properties of Half-Heusler Phases: ErNi, CuxSb, YNi-CuxSb And Zr, Hf, Ti, NiSn", 18th International Conference on Thermoelectrics Proceedings, ICT' 99, August 1999, pages 344-347 ADF AO S. J. POON, et al., "Bandgap Features and Thermoelectric Properties of Ti-Based Half-Heusler Alloys" 18th International AP Conferences on Thermoelectrics Proceedings, ICT' 99, August 1999, pages 45-51 ADF C. UHER, et al., "Thermoelectric Properties of 8i-Doped Half-Heusler Alloys", 18th International Conference on Thermoelectrics Proceedings, ICT' 99, August 1999, pages 56-59 AQ ADF S. BHATTACHARYA, et al., "Thermoelectric Properties of Sb-Doping In The TiNiSn_{1x}Sb_x Half-Heusler System", 18th International Conference on Thermoelectrics Proceedings, ICT 99, August 1999, pages 336-339 ADF AR Y. XIA, et al., "Thermoelectric Properties of semimetallic (Zr, Hf)CoSb half-Heusler phases", Journal of Applied Physics, AS vol. 88, no. 4, August 15, 2000, pages 1952-1955 ADF S. BHATTACHARYA, et al., "Effect of Sb doping on the thermoelectric properties of Ti-based half-Heusler compounds, TiNiSn_{1-x}Sb_x", Applied Physics Letters, vol. 77, no. 16, October 16, 2000, pages 2476-2478 ADF Q. SHEN, et al., "Effects of partial substitution of Ni by Pd on the thermoelectric properties of ZrNiSn-based half-Heusler ΑU compounds", Applied Physics Letters, vol. 79, no. 25, December 17, 2001, pages 4165-4167 ADF Qiang SHEN, et al., "Thermoelectric Properties of ZrNiSn-based half-Heusler compounds by solid state reaction method". Journal of Materials Science Letters, vol. 20, no. 24, December 2001, pages 2197-2199 ADF ΑV S. Joseph POON, et al., "Electronic and Thermoelectric Properties of Half-Heusler Alloys", Semiconductors and Semimetals, Academic Press, vol. 70, 2001, pages 37-75 AW ADF Shen QIANG, et al., "Synthesis and Thermoelectric Properties of ZrNiSn-ΑX based Semi-Heusler Compounds, Preprints of Annual Meeting of The Additional References sheet(s) attached ADF Ceramic Society of Japan, March 21, 2001, page 285 01/19/2007 Examiner **Date Considered** /Anthony Fick/ *Examiner: initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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